

**JULY - SEPTEMBER
2010**

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HOMAGE TO THE GREAT

Our Academic Director



Dr D Balakrishnan

Our Executive Director



Er K R Brahmadathan



August - September 2010 - the cruelest months as far as Vidya Academy of Science and Technology is concerned. The two wings on which Vidya was soaring high, were cut off by the 'Great Leveller'- Time.

Dr. D Balakrishnan, our Academic Director, who was a lodestar with his wisdom and timely advice and bold decision orphaned us on 16 August 2010. And the sagelike Executive Director Er. K R Brahmadathan who spread amity among all with his yogic complacence left for perpetual peace on 17 September 2010. These two gentlemen stood tall to face adversities and supported Vidya Academy to wade through difficult situations.

We know there is no use in shedding tears. Learning from the examples set before us by these great personalities, like the phoenix that stirs out of its ashes and soars high, with added vigour and enthusiasm, we renew our pledge to the cause of education and assure of our commitment to foster character and good conduct among generations to come. Nothing can divert us from the purpose and endeavor to achieve these goals

Editor



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10th Anniversary Celebrations of VICT



Sri. Vayalar Ravi, Hon'ble Minister of Overseas Indian Affairs, inaugurating the anniversary celebrations by lighting the lamp



Sri. C Divakaran, Hon'ble Minister of Food and Civil Supplies handing over mementos

The 10th anniversary celebrations of Vidya International Charitable Trust was held on Friday 20 August 2010 at the Vidya Academy of Science and Technology campus, Thalakkottukara. Sri. Vayalar Ravi, Hon'ble Minister of Overseas Indian Affairs, inaugurated the anniversary celebrations and declared open the new college auditorium. Sri. A C Moideen MLA delivered the presidential address. Sri. C Divakaran, Hon'ble Minister of Food and Civil Supplies; Sri. T N Prathapan MLA, Sri. Babu M Palissery MLA, Sri. T N Jayachandran IAS (Retd.), former Additional Chief Secretary and former Vice-Chancellor, University of Calicut participated. Dignitaries from the local administration also participated in the function. Sri. K Muraleedharan, Chairman, Vidya International Charitable Trust, welcomed the gathering. Dr. S P Subramanian, Principal, Vidya Academy of Science and Technology proposed vote of thanks.

From the Principal's Desk



A student was complaining to me about her not so tasty hostel food and her decision to skip it for the day. I told her to think about the Chile miners trapped under, with no hope of survival, forced to share their foodstock for nearly three weeks which was meant only for three days. Her reply was "I too heard something about it, but what is it actually?"

I felt it as the direct outcome of lack of reading habits especially, newspapers, and the indirect outcome of the extensive use of mobile phones that takes away our valuable time.

Youngsters nowadays spend most of their time with their mobile phones talking and messaging to friends, missing their valuable experience and knowledge they would have otherwise got through news papers, relationships with parents, etc. I fear in many families youngsters don't interact enough with their parents and relatives and that misses the harmonious and healthy atmosphere at home.

Dear students,

Spend enough time in reading news papers and good books, otherwise there is no meaning in claiming to be a social being. You should also spend some time with your parents helping them in the kitchen and on the dining table, cleaning your home, etc.

Best wishes for your exams.

Principal

Induction Training Programme on Teaching Excellence and Methodologies



The inaugural function

ISTE Kerala Section conducted a training programme on “TEACHING EXCELLENCE AND METHODOLOGIES” for teachers in Engineering Colleges in the State during 02 - 07 August 2010 at Vidya Academy of Science and Technology, Thrissur.

The following faculty delivered lectures on various aspects of teaching

Dr D Balakrishnan (Academic Director, VAST), Dr P J George (Director, St. Joseph's College of Engineering, Pala), Dr Narayanan Komerath (Professor, Department of Aerospace Engineering, Georgia Institute of Technology, Atlanta, US), Dr V K Vijayakumar (Retd. Professor, SreeKrishna College, Guruvayur), Dr V V Unnikrishnan (Professor, Medical College, Thrissur), Dr K B Maheswaran Nambuthiripad (Professor, Department of Mechanical Engineering, VAST), Dr S Radhakrishnan (Joint Director of Technical Education, Kerala), Ms Asha Suresh (Student Counsellor, VAST), Dr Latha Raj (Professor, Department of Chemistry, Govt. Engineering College, Thrissur), Prof. K V Leela (Professor, Department of Civil Engineering, VAST).



Participants of the induction programme

Dr V K Vijayakumar (Retd. Professor, SreeKrishna College, Guruvayur) delivered a lecture on "Wealth management" on 03 August 2010 at EEE Seminar Hall. The programme was organised by ISTE VAST Chapter and 45 faculty members attended.

Er. Ravikumar, Sr. Resident Engineer, HYDER Consulting, Dubai delivered a lecture on “Challenges in the Construction of BURJ KHALEEFA- the tallest tower in the world” on 06 September 2010

IBM DB2 Training Program for S4 MCA Students



Mr. Mohammed Adnan Khan delivering

IBM Academic Initiative is an innovative program to partner with colleges and universities worldwide to better educate millions of students for a more skilled and competitive IT workforce

As a part of the IBM Academic Initiative from IBM, a training in DB2 was given for S4 MCA students on 05 - 07 August 2010. The training was conducted by Mr. Mohammad Adnan Khan from Vinsys IT Services (I) Pvt. Ltd, Pune. Mr. Kaushik M (Asst. Professor, Department of Computer Science & Engineering) and Mr. Dijesh P (Sr. Lecturer, Department of Computer Applications) managed the programme.

The final online test was conducted on 17-Aug-10 under the direct supervision of Mr. Mohammad M Shiddique (IT Specialist - AI/Rational SEED Programme, IBM India Pvt Ltd).

ICT enabled Engineering College Award by eINDIA 2010

Vidya Academy of Science & Technology was awarded ICT enabled Engineering College of the year by eINDIA 2010. eINDIA 2010 (India's largest ICT event) organized by the Centre for Science, Development and Media Studies and Elets Technomedia in association with

Dept of Information Technology, Government of India.



Mr. Kaushik M Asst. Professor, CSE receiving eINDIA award from Ms. Agatha K Sangma, Minister of State for Rural Development

The mega event was held at Hyderabad International Convention Centre, Hyderabad during 04 - 06 August 2010. Various conferences, workshops and exhibition were held during the event. The eINDIA awards were distributed by Ms. Agatha K. Sangma, Minister of state for rural development, Government of India. Mr. Kaushik M, Asst Prof Dept of CSE represented the institution at the function and received the award.

Orientation Programme for the first year students

An extensive orientation programme covering all areas of campus life was conducted for the first year students on 12 August 2010 and 13 August 2010. Dr. S P Subramanian, Principal, Dr. P Pratapachandran Nair, Professor Emeritus, Dr. K B M Nambudiripad, Visiting Professor, Department of Mechanical Engineering and Heads of departments and staff-in-charge of different clubs/cells/forums/societies/sections of the college addressed the students and explained to them about the benefits, requirements and possibilities of college life.

Legal Literacy classes by Kerala State Legal Services Authority

Adv. Jose Peter and Adv. Eldoh from Kerala State Legal Services Authority, conducted Legal literacy classes for the second year students on 13 August 2010. The programme was organized as a part of the anti-ragging campaign initiated by Kerala State Legal Services Authority. They spoke to the students on various legal

aspects relevant to the student community including Ragging Prohibition Act.

MCA students and staff on charity work



MCA students and staff with the inmates of Grace home, Peringandoor, Athani

Fourth Semester MCA students and staff of the Department of Computer Applications visited Grace Home, Mar Kundukulam Memorial Research and Rehabilitation Complex, Peringandoor, Athani, on 19 August 2010 on a charity work. The institution shelters more than 60 persons identified as HIV positive. They include about 30 children most of whom are orphans.

Kits containing items for keeping personal hygiene were distributed to the inmates. A grand Onam feast was arranged.

WORKSHOPS/SEMINARS

Ms Ashitha T A, Sr. Lecturer (Physics) Department of Applied Sciences attended a Faculty Development Programme on "Trends and Techniques in Nanotechnology" organized by School of Nano Science and Technology at NITC, Calicut during 04 -17 July 2010.

Dr. M N Agnisarman Namboodiri participated in the evaluation of lab programs & experiments for "CSE Virtual Labs" (developed under National Virtual Lab project) at IIITH (Indian Institute of Information Technology Hyderabad) on 06 July 2010.

Mr. Shanil K N attended AICTE / MHRD sponsored Faculty Development Program on "Advance Data Structures and Algorithms" at NITC (National Institute of Technology, Calicut) during 05 -09 July 2010.

Mr Rajesh NP Senior Lecturer, attended the short term course in Computational Methods in Fluid flow and Heat Transfer at Indian Institute of Space

Technology, Thiruvananthapuram during 12 - 16 July 2010

✍ Ms. Siju. K.C, Lecturer, Department of Applied Sciences attended a 3-day international conference on Groupoids, Semigroups and Automata (ICGSA-2010) at the department of Mathematics, University of Kerala, Thiruvananthapuram during 10-12 August 2010. The conference was sponsored by DST, UGC, NBHM and CSIR.

✍ Mr. Sudev N K, Asst. Professor and Mr. Susanth C, Sr Lecturer, Department of Applied Sciences attended an international conference on Graph Theory and Combinatorics organised by Department of Mathematics, CUSAT during 12-15 August 2010.

✍ Prof. K V Leela, Professor, Department of Civil Engineering, delivered a lecture on "Earth Retaining Structures" for the 3 day training Programme for Kerala PWD Engineers organised at Kozhikode on 03 September 2010 by IMG, Govt. of Kerala.

✍ Mr. Sujit Sivanand, Director, Acette Technologies, Ontario, Canada gave a training program on COSTX on 08 September 2010 for teaching staff and final year students of Department of Civil Engineering

✍ Mr. Kaushik M, Asst. Professor, Department of Computer Science and Engineering, attended the National Conference on Free Software and Education at National Institute of Technology, Calicut during 10-12 September 2010. The conference had eminent academicians from national institutes in India explaining the importance of using free software in education.

✍ Ms. Ashitha T A, Sr. Lecturer, Department of Applied Sciences, attended a short term training programme on "Energy, Environmental and Biomedical Application of Nanomaterials" conducted by Department of Physics, IIT Madras during 20 - 25 September 2010.

✍ Ms. Babitha K Kuniyil, Lecturer, Department of Applied Sciences, presented a paper titled "Characterization of Cadmium Selenide Nanoparticles Synthesized by Sonochemical Method" in a national conference on Nanotechnology, conducted by S S M College of Engineering, Komarapalayam in collaboration with Innovation Centre for Applied Nanotechnology, Kolkata on 24 September 2010.

✍ Dr S P Subramanian, Principal and Mr. Madhusoodhanan M R, Lecturer, Department of Mechanical Engineering, presented Project proposal for Kerala State Council for Science Technology and Environment (KSCSTE) funding at Sastra Bhawan, Thiruvananthapuram on 08 September 2010.

IEEE Activities

✍ A quiz competition was conducted by the third year IEEE student members for the second year IEEE students on 07 July 2010 at MCA Seminar Hall. 35 students participated in the prelims of which two teams of 5 members each were selected for the final round.

✍ Mr. Nitin Patmanabhan Lecturer, Department of Electrical & Electronics Engineering, Mr. Balakrishnan V K, Ms. Linda Sivaraman, Ms. Anju Sam (Students of EEE Dept) attended a one day workshop "STEP" (Student Transition Elevation Partnership) program organized by IEEE Gold Affinity Group of IEEE Kerala Section at TKM Engg. College on 10 July 2010. The workshop discussed various problems faced by fresh engineering graduates.

✍ IEEE student branch of Vidya Academy of Science & Technology was awarded the prestigious "STUDENT ENTERPRISE AWARD" for the year 2010. The award includes a funding of \$ 1500 and certificate. The award was for the project proposal "Web-based Electrical Machine Laboratory: a low cost implementation of SCADA based system for Undergraduate Experiments" submitted by the IEEE student branch which was one of 7 project proposals selected from all over the world.

SPORTS & GAMES



Vidya Table Tennis Team with Calicut University Intercollegiate Table Tennis Trophy

Vidya Academy of Science and Technology successfully organized the Calicut University Intercollegiate Table Tennis Championship (Men & Women) 2010-11 at the campus during 08 -09 September 2010. 17 colleges affiliated to the university took part in the two day event.



Sri. Igni Mathew addressing the audience

Sri. Igni Mathew, President, District Sports Council, Thrissur, inaugurated the championship, Dr. M N Agnisarman Namboodiri, HoD, Department of Computer Science and Engineering, presided over the function. Prof. V A Sudhakaran, HoD, Department of Civil Engineering, Dr. P Pratapachandran Nair, Professor Emeritus, participated. Mr. Thomas Selvan, General Captain, proposed vote of thanks.

In the the Calicut University Table Tennis (Men) championship that followed, Vidya Academy of Science and Technology retained the championship for the sixth consecutive year by defeating NSS Engineering college, Palakkad.

In the women championship Vidya Academy of Science and Technology came runnerup behind Providence College, Calicut.

The following students from Vidya Academy of science and Technology were selected to represent the Calicut University in the South Zone Interuniversity Table Tennis Championship 2010-11.

- 1) Alan Alex
- 2) Fredy Thomas
- 3) Mary ann Jacob
- 4) Chanchal Prakash
- 5) AnnTania Maria

Reyma Joy of I BTech A batch secured Second position (Team) for both senior and junior section of State Fencing Championship held at Pathanamthitta during 06 - 08 August 2010.

Pinto Paul Peter of I BTech F Batch secured Third position (Team) in the State Fencing Championship held at Pathanamthitta during 06 - 08 August 2010.

NSS Activities

The following six National Service Scheme volunteers along with the Programme Officer Dhanya Devarajan attended the State Level Leadership Training Camp held at Ilahia College of Engg. & Technology, Muvattupuzha during 07 - 08 August 2010.

1. Arjun Vinod	CE	S3
2. Chaithanyan M	CE	S3
3. Yesudas Tharayil	CE	S3
4. Aarathi C	EEE	S3
5. Greeshma Nadh	EEE	S3
6. Greeshma C.M	CSE	S3

Blood Donation & Group Identification Camp

College National Service Scheme units & Rotaract Club organized a blood donation and group identification camp for the students and staff on 08 July 2010, in the campus, in co-operation with Govt. Medical College Blood bank, Thrissur. Dr. Sajith led the medical team and rendered an excellent service to our institution

63 volunteers donated blood and 137 students got blood group identified.




A view from the blood donation camp


National Service Scheme Units & College Senate jointly conducted a charity box collection to help one of our students undergoing treatment at RCC, Trivandrum. More than one lakh rupees got collected from Vidya staff and students.

Student Achievements

Mr. Nirmal P G S7 ME got First prize and Mr. Swaroop , Mr. Tisbin Toby and Mr. Krishnadev got second prize in the project exhibition at Rajagiri College

of Engineering, Cochin.

 Mr. Akhil K Vijayakumar, S5 ME got second prize in paper presentation competition held in connection with the National level technical fest on 18 September 2010 at St. Joseph's College of Engg. and Technology, Pala.

 Mr. Manu K Divakaran and Mr. Fazil P S, S7 ME were selected for Manorama news group program YUVA 2010 (project presentation contest)



Mr. Nirmal P G
S7 ME



Mr. Fazil P S
S7 ME



Mr. Manu K
Divakaran
S7 ME

Binderless MDF boards- A project by S8 PE Students

A group of final year Production Engg Students comprising of Mr. Alwin Augustin, Mr. Jibin Joseph, Mr. Rahul Rajagopal, Mr. Vineeth N Menon, Mr. Vysakh K G has invented Binderless MDF boards as a part of their academic project guided by Mr. Naveen E, Lecturer, Department of Production Engineering. The main objective of the project is to develop an improved production process for manufacturing medium and high density binderless fibre boards from Coconut husks. Presently, fibre boards are being manufactured from waste wood, baggasse, bamboo and other fibrous biological materials using phenol or melamine resins as the binding material. The fumes from the above resins used as binders, cause considerable environmental problems and have been found to be hazardous to human health. Therefore, fibre boards manufactured without the use of a synthetic binder as done in the present project has got wide potential, as it is environmental friendly and does not cause any health hazards.

TALK on "VALUE BASED EDUCATION AND LIFE"

A talk on "VALUE BASED EDUCATION AND LIFE" by Dr. N Gopalakrishnan, Director, Indian Institute of Scientific Heritage was held for first year students on Monday 13 September 2010.



Dr. N Gopalakrishnan addressing students

"Two-day Workshop on Text Processing using LaTeX"

The Department of Computer Applications, jointly with Indian Society for Technical Education and Computer Society of India, organised a "Two-day Workshop on Text Processing using LaTeX" during 16-17 September 2010. The Workshop was formally inaugurated by Dr. T Jishnu, Dean, MET's School of Engineering, Mala, at 9.30 am on 16 September 2010. Dr. S P Subramanian, Principal, presided over the function. Dr. P. Prathapachandran Nair, Professor Emeritus, Dr. K B M Namboothirippad, Visiting Professor, Department of Mechanical Engineering and Prof. K.V. Leela, Secretary, ISTE(VAST Chapter) offered felicitations. Dr. V N Krishnachandran, HoD, Department of Computer Applications, welcomed the dignitaries and participants. Ms. Aparna S Balan, proposed a vote of thanks. Dr. V N Krishnachandran, HoD, Department of Computer Applications and Mr. A M Ayyappadas, Lecturer, Department of Mechanical Engineering, were the resource persons for the Workshop.



Workshop on Text processing using LaTeX inaugurated by Dr. T Jishnu, by lighting the

Workshop on J2EE Technologies

The Department of Computer Science and Engineering and Department of Computer Applications

jointly organized a faculty enablement workshop in J2EE Technologies on 29-30 July 2010. The workshop was organized in collaboration with the Campus Connect team of Infosys Technologies Ltd.



From the inauguration of the workshop on J2EE Technologies

Mr. Hari S, Mrs. Manju K, Mrs. Lavanya Anand and Mr. Pramod Balachandran of Infosys Technologies Ltd. conducted sessions on J2EE Technologies. 21 faculty members from various engineering colleges in the state also participated in the training program.

Workshop on "EXPLORE YOUR POTENTIAL" ' !

A workshop on "EXPLORE YOUR POTENTIAL" was conducted on 27 July 2010 for all second year students. The workshop was led by corporate trainer Sri. Sajee Yousaf Nissan.

Induction Programme 2010 -11



Sri. C K Suresh, Director, ATMA Foundation, addressing the students.

The induction programme for the first year students admitted in the year 2010-11 was held on 29-30

July 2010 in the college seminar hall. Dr. S P Subramanian, Principal welcomed the gathering and Dr. D Balakrishnan, Academic Director presided over the function. Er. K R Brahmadathan, Executive Director, talked about the trust activities. All HoDs addressed the student on the occasion and Prof. M Mohandas, First year Coordinator proposed vote of thanks.



Ms. Shailaja P, Psychologist - West Fort Hi Tech Hospital, addressing the gathering

In the first day, the function was held for three branches and Sri. C K Suresh, Director, ATMA Foundation delivered an inspirational speech on the occasion. The function for the remaining three branches was held on 30 July 2010. Ms. Shailaja P, Psychologist, West Fort Hi-Tech Hospital, Thrissur delivered a speech on the occasion.

OBITUARY



Mr. Arun. M
2006-10 EEE



Mr. Sooraj C.M
2007-11 EEE

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